SMARTENGINE SOLUTION ONE-LINE FOR UPS EMERGENCY SOLUTION

200-250VAC OR 277VAC SMARTENGINE CONNECTION TO BE SPECIFIED PRIOR TO ORDER.
VERIFY PLUG TYPE PRIOR TO INSTALLATION (SEE TABLE 1 BELOW).

EMERGENCY LIGHTING SOLUTION

SMARTDIRECTOR
Gbl PORT
NOTE: SMARTDIRECTOR HAS REDUNDANT PSU's
CUSTOMER SUPPLIED NETWORK SWITCH
CAT5E / 6 / 6A PATCH CABLE FROM SMARTENGINE LAN PORT TO CUSTOMER NETWORK
EMERGENCY LIGHTING UPS / ATS
SMARTENGINE EMERGENCY ENGINE #1
LAN PORT
SMARTGATEWAY (UNIVERSAL) * EMERGENCY LIGHTING
YELLOW YELLOW
ORDER WITH UNIVERSAL GATEWAY
SMARTSENSOR 3G
FIXTURE #1
SMARTENGINE READY 1-CHANNEL EMERGENCY FIXTURE
SUPPLIED W/ FIXTURE or RJ45 PATCH CORD

SMARTENGINE #2
LAN PORT
ENGINE TERMINAL DETAIL (48 x RJ45 FEMALE PORTS @ 34 WATT PER PORT)
OPTIONAL
SMARTSENSOR 3G
FIXTURE #2
SMARTENGINE READY 1-CHANNEL FIXTURE
SUPPLIED W/ FIXTURE or RJ45 PATCH CORD
FIXTURE #3
SMARTENGINE INTEGRATED FIXTURE

SMARTSCENE CONTROLLER
CATEGORY CABLE (Cat 5e / 6 / 6a)
SMARTSENSOR 3G
FIXTURE #4
FIXTURE #5
FIXTURE #6
RJ45 PATCH CORDS
SE-SI-2CH
SE-SI-2CH
SE-SI-1CH
SMARTENGINE READY 1-CHANNEL FIXTURES

SMARTSENSOR 3G
TO FIXTURE
AWG 18 / 2 CABLE
SPST or SPDT SWITCH
RJ45 PATCH CORDS
CUSTOMER SUPPLIED PATCH PANEL (OPTIONAL)
CATEGORY CABLE (Cat 5e / 6 / 6a)
1 CABLE PER CHANNEL
(T568A OR T568B STANDARD)

LINE VOLTAGE FIXTURES

OPTIONAL
SMARTGATEWAY (UNIVERSAL) *
OPTIONAL
SMARTSENSOR POD 3G
ORDER WITH UNIVERSAL GATEWAY
WHITE / BLUE
WHITE / RED
RIB RELAY (SEE TABLE 2)
120-277 VAC
NEUTRAL OR OTHER PHASE
BLACK
RED
CONTROL CIRCUIT
ORANGE
NO
YELLOW
NC
BLUE
AC LINE VOLTAGE
AC FIXTURE

PLUG LOAD MONITORING

OPTIONAL
SMARTGATEWAY (UNIVERSAL) *
OPTIONAL
SMARTSENSOR POD 3G
ORDER WITH UNIVERSAL GATEWAY
WHITE / BLUE
WHITE / RED
RIB RELAY (SEE TABLE 2)
HOT LEAD
NEUTRAL OR OTHER PHASE
BLACK
WHITE or RED
CONTROL CIRCUIT
ORANGE
NO
YELLOW
NC
BLUE
AC LINE VOLTAGE
AC OUTLETS

* Programmed for specific application

Table 1

POWER CORD SELECTION *(Device output)	SMARTDIRECTOR 100-250V *(IEC320-C13)		SMARTENGINE 200-250V *(IEC320-C19)		SMARTENGINE 277V *IEC320-C19)	
Region	**Part Number**	**End Connection**	**Part Number**	**End Connection**	**Part Number**	**End Connection**
North America	Inc.	NEMA 5-15P	6-20P to C19 250V POWER CORD	NEMA 6-20P	Inc.	NEMA L7-15P
Europe		CEE 7/7 European Schuko		CEE-7/7 European Schuko	-	-
Australia & NZ		AS/NZS 4417 Australia		AS/NZS 4417 Australia	-	-
Brazil		NBR 14136 Brazil		NBR 14136 Brazil	-	-
China		GB 15934-2008 China		GB 15934-2008 China	-	-
Denmark		SRAF 1962/DB 16/87 Danish		SRAF 1962/DB 16/87 Danish	-	-
Switzerland		SEV 1011 Swiss		SEV 1011 Swiss	-	-
UK, Hong Kong, Singapore		BS 1363 UK10		BS 1363 UK10	-	-

Table 2

Load Type	Line Voltage / Current	Relay Examples (Load Dependent)
Line Voltage Fixtures	120V-277V / 10A	RIBRELAY (RIB21CDC)
Plug Load Monitoring	120V-277V / 10A 120V / 20A 277V / 20A	RIBRELAY (RIB21CDC) RIBRELAY (RIB01BDC) RIBRELAY (RIB02BDC)
Bugeye/Battery Pack Driven Fixture	120V-277V / 10A	RIBRELAY (RIB21CDC)

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